

# Arboviral Surveillance Report

## July 16, 2018

### Surveillance

This report provides data on week 28 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. 82 gravid and BG sentinel traps were placed throughout the City and monitored twice a week for the duration of the mosquito-breeding season. Thirteen (13) mosquito pools tested positive for WNV within our collections in Chicago.

#### Mosquitoes (data from 82 traps)

<b>Week 28 (07/08/18 – 07/14/18)</b>	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,341
Number of Pools Tested	122
Number of Pools Positive	13
Number of Community Areas with Positive Mosquito Pools	8
<b>Cumulative Totals</b>	
Total Collections (Number of Traps X Frequency of Collection)	834
Number of Female <i>Culex</i> Trapped and Tested	8,070
Number of Pools Tested	603
Number of Pools Positive	30
Number of Community Areas with Positive Mosquito Pools	13

**Community Areas with Positive Mosquito Pools (Cumulative):** Archer Heights, Ashburn, Avondale, Belmont Cragin, Chicago Lawn, Lincoln Square, New City, O'Hare, Riverdale, South Deering, West Lawn, West Pullman, West Town

**Dead Birds:** To date, 2 dead birds have been collected; one was negative, and test results for the second bird are pending

***Aedes albopictus* (cumulative):** 16 females and 3 males

**Humans:** 1

### Risk Assessment

The risk of human West Nile virus infection in the City of Chicago remains low, but there are indications that the upcoming weeks may see the risk increasing.

### Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins for the remainder of the summer to assess the level of control.